I. AMENDMENTS

Please amend the subject application as follows:

<u>In the claims:</u>

Please cancel claims 88-132.

The following is a clean version of the entire set of remaining pending claims.

133.   (Once Amended)   A method of generating one or more database systems, the method comprising:

providing a metadata system that includes a metadata schema, a facility for entering instructions into the metadata schema, and a facility for manipulating the metadata schema;

receiving instructions from a user, wherein the instructions are entered into the metadata schema and are used to create a business database system; and

automatically generating the business database system according to the instructions contained in the metadata schema such that the business database system is well-formed.

134.   The method of claim 133, wherein automatically generating the business database system further comprises:

automatically generating tables according to the instructions.

135.   The method of claim 133, wherein loading data into the business database system further comprises:

extracting data from sources specified in the instructions;

loading the data into staging tables; and

loading the data from the staging tables into the business database system based on semantic definitions provided in the instructions.

136.   The method of claim 133, further comprising:

building aggregate tables according to the instructions.

137.   The method of claim 133, wherein operating on the business database system further comprises:

receiving further instructions from a user to define a query mechanism; and

generating queries according to the further instructions.

138.   The method of claim 133, wherein operating on the business database system further comprises:

generating reports according to the instructions.

139.   The method of claim 133, further comprising:

receiving a modification of the metadata schema; and

automatically adjusting the business database system according to the modification.

140.   The method of claim 133, further comprising:

wherein the instructions provide semantic definitions; and

wherein the business database system is automatically generated using the semantic definitions such that the business database system is well-formed.

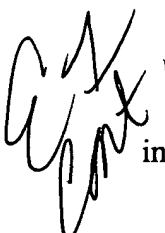141.   (Once Amended) A computer system, comprising:

a computer including a processor and a memory;

a computer program stored in the memory and executed by the processor, wherein the computer program includes instructions for:

providing a metadata system that includes a metadata schema, a facility for entering instructions into the metadata schema, and a facility for manipulating the metadata schema;

receiving instructions from a user, wherein the instructions are entered into the metadata schema and are used to create a business database system; and

automatically generating the business database system according to the instructions contained in the metadata schema such that the business database system is well-formed.

142. The computer system of claim 141, wherein the computer program further includes computer instructions for:

automatically generating tables according to the instructions.

143. The method of claim 141, wherein the computer program further includes computer instructions for:

extracting data from sources specified in the instructions;

loading the data into staging tables; and

loading the data from the staging tables into the business database system based on semantic definitions provided in the instructions.

144. The method of claim 141, wherein the computer program further includes computer instructions for:

building aggregate tables according to the instructions.

145.   The method of claim 141, wherein the computer program further includes computer instructions for:

receiving further instructions from a user to define a query mechanism; and

generating queries according to the further instructions.

146.   The method of claim 141, wherein the computer program further includes computer instructions for:

generating reports according to the instructions.

147.   The method of claim 141, wherein the computer program further includes computer instructions for:

receiving a modification of the metadata schema; and

automatically adjusting the business database system according to the modification.

148.   The method of claim 141, wherein the computer program further includes computer instructions for:

wherein the instructions provide semantic definitions; and

wherein the business database system is automatically generated using the semantic definitions such that the business database system is well-formed.

149.   (Once Amended) A computer readable storage medium encoded with software instructions, wherein execution of the instructions comprises:

providing a metadata system that includes a metadata schema, a facility for entering instructions into the metadata schema, and a facility for manipulating the metadata schema;

receiving instructions from a user, wherein the instructions are entered into the metadata schema and are used to create a business database system; and

automatically generating the business database system according to the instructions contained in the metadata schema such that the business database system is well-formed.

150.   The computer readable storage medium of claim 149, wherein execution of the instructions further comprises:

automatically generating tables according to the instructions.

151.   The computer readable storage medium of claim 149, wherein execution of the instructions further comprises:

extracting data from sources specified in the instructions;

loading the data into staging tables; and

loading the data from the staging tables into the business database system based on semantic definitions provided in the instructions.

152.   The computer readable storage medium of claim 149, wherein execution of the instructions further comprises:

building aggregate tables according to the instructions.

153.   The computer readable storage medium of claim 149, wherein execution of the instructions further comprises:

receiving further instructions from a user to define a query mechanism; and generating queries according to the further instructions.

154. The computer readable storage medium of claim 149, wherein execution of the instructions further comprises:

generating reports according to the instructions.

155. The computer readable storage medium of claim 149, wherein execution of the instructions further comprises:

receiving a modification of the metadata schema; and

automatically adjusting the business database system according to the modification.

156. The computer readable storage medium of claim 149, wherein execution of the instructions further comprises:

wherein the instructions provide semantic definitions; and

wherein the business database system is automatically generated using the semantic definitions such that the business database system is well-formed.

157. (New) The method of claim 133, further comprising loading data into the business database system according to the instructions contained in the metadata schema.

158. (New) The method of claim 157, further comprising operating on the business database system according to the instructions contained in the metadata schema.

159. (New) The method of claim 141, further comprising loading data into the business database system according to the instructions contained in the metadata schema.

160. (New) The method of claim 159 further comprising operating on the business database system according to the instructions contained in the metadata schema.

161. (New) The method of claim 149 further comprising loading data into the business database system according to the instructions contained in the metadata schema.

162. (New) The method of claim 161 further comprising operating on the business database system according to the instructions contained in the metadata schema.

163. (New) A method of automatically generating a business database system, the method comprising:

providing a metadata schema;

entering user instructions into the metadata schema; and

automatically generating a well-formed database system according to the instructions entered into the metadata schema.

164. (New) The method of claim 163, further comprising loading data into the automatically-generated business database system according to the user instructions entered into the metadata schema.

165. (New) The method of claim 164, further comprising operating on the business database system according to the user instructions entered into the metadata schema.

II. REMARKS

In view of the preceding amendments and the remarks that follow, reconsideration and withdrawal of the rejections are respectfully requested. Claims 88-132 have been cancelled. Claims 133, 141 and 149 have been amended to broaden their scopes. Claims 157-165 have been added. Thus, claims 133-165 are currently pending in the above-referenced applications.

Claim Rejection – 35 U.S.C. § 103